

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	("20020112638"   "20040112306"   "5082502"   "5430691"   "5494004"   "6438191"   "6684823").PN.	USPAT	OR	OFF	2007/08/13 13:13
S2	22	("4332271" "5671600" "5016437" "5206176" "7084378" "20050189343" "6076745" "5490775" "5681162" "5871343" "6065688" "20050125930" "20050125933" "20050126594" "20050199743" "20050284137" "20060048506" "4404953" "4869132" "5690171" "5888063" "6918442" "6918443" "6951247" "6991032" "6991033" "7032660" "7040397" "7040399" "20030079877" "20030080604" "20030098149" "20030098605" "20030100451" "20030102124" "20030102125" "20030102126" "20030102130" "20030111223" "20030131993" "20030131994" "20030131996" "20030136558" "20030136559" "20030137181" "20030141066" "20030141067" "20030141068" "20030142964" "20030146002" ).pn.	USPAT	OR	OFF	2007/03/14 15:06

S3	78	( "4332271" "5671600" "5016437" "5206176" "7084378" "20050189343" "6076745" "5490775" "5681162" "5871343" "6065688" "20050125930" "20050125933" "20050126594" "20050199743" "20050284137" "20060048506" "4404953" "4869132" "5690171" "5888063" "6918442" "6918443" "6951247" "6991032" "6991033" "7032660" "7040397" "7040399" "20030079877" "20030080604" "20030098149" "20030098605" "20030100451" "20030102124" "20030102125" "20030102126" "20030102130" "20030111223" "20030131993" "20030131994" "20030131996" "20030136558" "20030136559" "20030137181" "20030141066" "20030141067" "20030141068" "20030142964" "20030146002" ).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 15:14
S4	3072	431/121 431/3 431/1 122/379 134/30 15/316.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 15:15
S5	465	431/121.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 15:15

S6	332	431/3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 15:16
S7	970	431/1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 15:16
S8	1284	122/379.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 15:18
S9	17	122/379.ccls. and detonation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 15:18
S10	1	134/30.ccls. and detonation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 15:20
S11	3	15/316.1.ccls. and detonation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 17:59
S12	3	"2972502".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 17:59
S13	2	"5494004".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 18:00
S14	1	"2972502".pn.	USPAT	OR	OFF	2007/08/10 18:01

S15	18584	(pipe or tube) with (connect\$4 or join\$3) same flange same bolt\$1 same end	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 13:16
S17	94	(pipe or tube) with (connect\$4 or join\$3) with segment with flange same bolt\$1 same end	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 13:17
S18	40	(pipe or tube) with (connect\$4 or join\$3) with segment with flange with bolt\$1 same end	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 13:24
S19	3119	431/121 431/3 431/1 122/379 134/30 15/316.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 13:24
S20	0	S19 and (pipe or tube) with (connect\$4 or join \$3) with segment with flange with bolt\$1 same end	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 13:26
S21	0	S19 and (pipe or tube) with (connect\$4 or join \$3) with segment with flange	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 14:16
S22	0	S19 and soot same (pipe or tube) with segment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 14:17
S23	33	S19 and (pipe or tube) with segment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 16:39

S24	5463	((431/121) or (431/3) or (431/1) or (122/379) or (134/30) or (15/316.1)). CCL.S.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 16:40
S25	19	S24 and @pd >= "20070316"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 16:41
S26	102	Detonat\$3 and united near Technologies	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/20 11:37
S27	15	S26 and cleaning and conduit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/20 11:38
S28	12	("20020112638"   "20040112306"   "5082502"   "5430691"   "5494004"   "5741130"   "5769034"   "5864517"   "6438191"   "6446428"   "6644201"   "6684823"). PN. OR ("7011047"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/20 11:57
S29	5492	((431/121) or (431/3) or (431/1) or (122/379) or (134/30) or (15/316.1)). CCL.S.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/20 12:05
S30	27	S29 and @pd >= "20070823"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/20 12:05
S31	19	S29 and (cleaning or blow\$3) and conduit same segment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 12:08

S32	283	(tube or pipe) same elbow same segment same flange	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 13:35
S33	91	(tube or pipe) same elbow same segment with flange	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 13:36
S34	1	"6684823".pn.	USPAT	OR	OFF	2008/03/24 15:35
S35	1	"431"/\$.cds. and Hochstein	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/24 16:38
S36	771	Hochstein and parallel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/24 16:39
S37	149	Hochstein and parallel and offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/24 16:40
S38	3	"7204203".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/24 17:47
S39	3	("5593574"   "5605115"   "6244219").PN. OR ("7204203").URPN	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/24 17:48
S40	3	("5593574"   "5605115"   "6244219") PN OR ("7204203").URPN	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/24 17:48
S41	240	(pipe or tube) with (connect\$4 or join\$3) with segment same flange same bolt\$1 same end	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 17:49

S42	5557	((431/121) or (431/3) or (431/1) or (122/379) or (134/30) or (15/316.1)). CCL.S.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 18:13
S43	63	S42 and @pd >= "20080331"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 18:13
S44	245	S42 and damp\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 18:13
S45	3	S42 and damp\$3 same (reaction or recoil) same discharge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 18:15
S46	46	S42 and damp\$3 same discharge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 18:26
S47	30	S42 and damp\$3 same furnace and clean\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 18:28
S48	13	S42 and damp\$3 same furnace same clean\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 18:28
S49	264	"431"/\$.ccls. and pulse near1 combust\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/26 09:20

S50	22	"431"/\$.ccds. and pulse near1 combust\$3 same detonat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM.TDB	OR	OFF	2008/11/26 09:35
S51	15	("2298110"   "2673081"   "2838869"   "2907382").PN. OR ("4624635").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 09:53
S52	1	"4624635".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 14:25
S53	15	("2298110"   "2673081"   "2838869"   "2907382").PN. OR ("4624635").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 14:25
S54	2	"2972502".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 15:23

11/28/2008 2:11:29 PM

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Detonation cleaner segments.wsp